



303048



April 4, 2007

TO: Mr. Russell Hart, RPM
United States Environmental Protection Agency
Region V
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

FROM: Mr. Keith Wilcoxson, PM, SECOR International Incorporated *KW*

RE: **MONTHLY PROGRESS REPORT/MEMORANDUM**
Area 9/10 Remedial Design
Southeast Rockford Groundwater Contamination Superfund Site
Rockford, Illinois

Copies: Mr. Thomas Turner, Regional Counsel, USEPA Region V
Mr. Scott Moyer, Hamilton Sundstrand/United Technologies Corporation
Ms. Kathleen McFadden, United Technologies Corporation
Mr. Thomas Williams, PM, IEPA
Mr. Terry Ayers, IEPA

CURRENT MONTH PROJECT ISSUES/STATUS: *(activities, meetings, deliverables, etc.)*

Activities conducted in March 2007 consisted of preparation of a response to USEPA/IEPA comments on the Pre-Final Design (95% Design) documents; approval of the proposed resolution to the comments on the Pre-Final Design (95% Design) documents; preparation of the Final Design (100% Design); operation of the jet fuel recovery system in the eastern portion of the South Alley; and water level gauging of the monitoring well network.

The Final Design submittal will consist of the 100% Design; the Operation, Maintenance and Monitoring Plan; the Technical Specifications; the Construction Quality Assurance Project Plan; and an Amended Health and Safety Plan.

The remedial design consists of air sparge (AS) points and soil vapor extraction (SVE) wells in the western portion of the South Alley along with excavation and associated activities in the Former Outside Container Storage Area (OSA). The AS and SVE remedial methods are those selected in the Record of Decision.

The operation and monitoring of the hydrocarbon (JP-4) recovery systems for light non-aqueous phase liquid (LNAPL) in the South Alley continues. March activities consisted of monitoring the recovery system operation. There was no measurable product in the three recovery wells (RW-1, RW-2, and RW-3R) when the recovery wells were gauged on March 27, 2007. Water levels were also gauged from wells in the monitoring well network on March 27, 2007. Water levels have increase approximately 0.40 feet since December 2006.

MONTHLY PROGRESS REPORT/MEMORANDUM

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Rockford, Illinois

April 4, 2007

Page 2

FUTURE PROJECT ISSUES/STATUS: *(activities, meetings, deliverables, etc.)*

Future project activities anticipated for April 2007 and beyond include:

- Submittal of the Final Design (100% Design);
- Schedule and conduct a meeting with all parties (USEPA, IEPA, HS, SECOR) to review the Remedial Design activities completed and chart the path forward;
- Preparation of a potentiometric surface map for the March 2007 water level gauging event; and
- Operation, maintenance, and monitoring of the South Alley recovery well system and evaluation of the LNAPL (JP-4) presence and recovery rates will continue.

SAMPLE/TEST DATA SUBMITTALS:

None.

RD SCHEDULE UPDATE: *(attach updated schedule as necessary)*

The Final Remedial Design (100%) will be submitted for review and approval on April 4, 2007.

REALIZED/ANTICIPATED PROBLEM CONDITIONS:

None.

PERSONNEL CHANGES:

None.